

Amendments to the Specification:

Please amend the paragraph beginning on page 12, at line 10 as shown below:

Referring now to FIG. [[6]] 7, a memory map for implementing operating modes according to an embodiment of the present invention is shown. A memory map, shown generally by 190, represents the allocation of memory for data tables used by programmable control 30. Preferably, this data is held in non-volatile memory such as flash memory. Memory map 190 includes channel table 192, mode table 194 and scheme table 196.

Please amend the paragraph beginning on page 12, at line 16 as shown below:

Channel table 192 includes a channel entry, one of which is indicated by 198, for each channel supported by programmable control 30. Typically, each channel corresponds to a user activation input. In the example illustrated in FIG. [[6]] 7, three channels are supported. Each channel entry 198 has two fields, mode indicator 200 and fixed code 202. Mode indicator 200 indicates the mode programmed for that channel. In the embodiment shown, a zero in mode indicator 200 indicates rolling code mode. A non-zero integer in mode indicator 200 indicates a fixed code mode with a code size equal to the integer value. For example, the first channel (CHAN1) has been programmed for eight-bit fixed code operation, the second channel (CHAN2) has been programmed for rolling code operation and the third channel (CHAN3) has been programmed for ten-bit fixed code operation. Fixed code value 202 holds the programmed fixed code for a fixed code mode. Fixed code value 202 may also hold function code 64 in fixed code modes. Fixed code value 202 may hold function code 64 or may not be used at all in a channel programmed for a rolling code mode.

Please amend the paragraph beginning on page 13, at line 25 as shown below:

Memory map 190 illustrated in FIG. [[6]] 7 implements a single rolling code mode and three fixed code modes based on the fixed code size. Other arrangement of modes are possible. For example, more than one rolling code modes may be used. Only one fixed code mode may be used. If more than one fixed code mode is used, characteristics other than fixed code size may be used to distinguish between fixed code modes. For example, fixed code

schemes may be grouped by carrier frequency, modulation technique, baseband modulation, and the like.

Please amend the paragraph beginning on page 21, at line 5 as shown below:

Referring now to FIG. 17, a drawing illustrating a vehicle interior that may be used to program a programmable controller according to an embodiment of the present invention is shown. A vehicle interior, shown generally by 470, includes console 472 having one or more of a variety of user interface components. Graphical display 474 and associated display controls 476 provide an interactive device for HVAC control, radio control, lighting control, vehicle status and information display, map and positioning display, routing and path planning information, and the like. Display ~~[[204]]~~ 474 can provide instructions for programming and using programmable control 30. Display 474 can also provide status and control feedback to the user in training and operating modes. Display controls 476 including, if available, touch-screen input provided by display 474 can be used to provide programming input. In addition, display 474 and controls 476 may be used as activation inputs for programmable control 30.